

IN THE CLAIMS:

1. (currently amended) A projection type display unit, comprising,

~~an~~ at least one imager defining comprising a plurality an array of pixels
individually controllable in accordance with a video signal pixels to form an image by
passing red, green and blue light through said pixels;

at least one red, at least one green and at least one blue resonant cavity cathode ray
tube optically coupled to said imager and emitting, respectively, said red, said green and
said blue light , a light source for exclusively generating light of a selected color, said
light source arranged for transmitting said light through said imager to produce an said
image; and

a projector lens optically coupled to said imager for magnifying and focusing said
image for projection on a screen;

~~wherein said light source is comprised of a CRT device exciting a resonant~~
~~microcavity with an active region, said active region having a phosphor disposed therein~~
~~for exclusively emitting light of said selected color, and~~

~~wherein said imager is an LCOS device.~~

2. (canceled)

3. (currently amended) The projection display unit according to claim 1 wherein three
said imagers are provided ~~and three said CRT devices are provided~~, each of said CRT
devices ~~exclusively generating a distinct color of light for projection through coupled to a~~
corresponding respective one of said imagers to produce three distinct color images.

4. (canceled)

5. (currently amended) The projection display unit according to claim 4 3further comprising an optical combiner, said optical combiner merging each of said distinct color images to form a single composite image.

6-8. (canceled)

9. (currently amended) A method for displaying an image, comprising,

~~existing with a~~ providing three CRT an array of resonant microcavities configured for ~~exclusively emitting red, green and blue light respectively of a selected color;~~

projecting said red, green and blue light through cells of an LCOS imager defining each cell comprising a plurality of 20 pixels of an image, each pixel individually controllable by a video signal, thereby pixels to produce producing an image; and
magnifying and focusing said image through a lens for projection on a screen.

10. (original) The method according to claim 9 further comprising the steps of:

optically combining said image produced with said light of said selected color with at least one other image of a second selected color distinct from said first selected color.

11. (canceled)